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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/523,744	02/03/2005	Martin M. Browne	PN0260	7951
36335 7590 01/08/2009 GE HEALTHCARE, INC. IP DEPARTMENT 101 CARNEGIE CENTER PRINCETON, NJ 08540-6231				
EXAMINER STIGELL, THEODORE J				
ART UNIT		PAPER NUMBER		
3763				
MAIL DATE		DELIVERY MODE		
01/08/2009		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/523,744

Applicant(s)

BROWNE, MARTIN M.

Examiner

THEODORE J. STIGELL

Art Unit

3763

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 September 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17, 19 and 20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14, 16, 17, 19 and 20 is/are rejected.
- 7) ☒ Claim(s) 3, 5, 15 and 17 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

Drawings

The drawings were received on 9/22/2008. These drawings are accepted.

Claim Objections

Claims 3, 5, and 17 are objected to because of the following informalities: There is already antecedent basis for "a hand-held syringe". Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 20 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The method claim still remains indefinite as the applicant is claiming a method of administration of a liquid with no positively recited step of actually administering the liquid.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-14, 16-17, and 19-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Reilly et al. (6,821,013). Reilly discloses an adapter (100) connectable with an automatic syringe pump (10) and a hand-held syringe (20), the syringe including an elongate syringe body containing contents to be dispensed, wherein the adapter comprises a syringe driver (200, 210, 220) for rotating the syringe body. The examiner maintains that element (10) can be considered an automatic syringe pump and that element (20) can be considered a hand-held syringe since it is a syringe and can be hand-held. Furthermore, these elements are only functionally claimed in independent claim 1 and therefore are not given much patentable weight in regards to this claim.

Reilly further discloses that the adapter comprises an adapter body receivable by a syringe receiving unit (60), a syringe retainer (160) in the form of a ring for retaining at least one flange (22a) of the syringe, wherein the syringe driver further comprises a motor (200) and a drive belt (220) for urging the syringe ring to rotate, wherein the adapter comprises a portion that is capable of being recognized by a size reading unit, further comprising a syringe holding arm (inner surface of 160), a guide piston (140), an extension arm (narrowed distal end of 140), and a dispense rod (146) supported by the extension arm. The examiner maintains that the inherent use of the device of Reilly meets the limitations of claim 20.

Claims 1-10 and 16-17, and 19-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Schneider et al. (US 2002/0077588). Claim 1 is being interpreted as positively claiming an adapter comprising a syringe driver, wherein the syringe driver is capable of rotating the syringe body. The examiner notes that the limitation of "connectable" with a syringe pump and syringe is a functional limitation which the reference only has to have the capability of performing. The examiner is interpreting "connectable" as the ability of two elements to come into contact with each other. Therefore, the functional limitations are not being given much patentable weight. The examiner also notes that the positively recited limitation of a syringe driver is broad too. The term "syringe driver" by itself does not denote any specific structural limitation and therefore the examiner maintains that any structure that can rotate a syringe body can be interpreted as a "syringe driver".

In regards to claim 1-10 and 16-17, Schneider discloses an adapter (24, 30b, 30a) that is connectable with a syringe pump and a syringe (22), the adapter comprising a syringe driver (24, 30b) for rotating the syringe body, the adapter comprising an adapter body (24, 30b, 30a) that is capable of being received by a syringe receiving unit of a syringe pump, further comprising a syringe retainer (30a) comprising an annular flange that is capable of engaging a flange of a syringe, wherein the syringe driver further comprises a motor (25) and drive means (31) for rotating the syringe body, wherein (30b) can be considered a belt, wherein the adapter is capable of being recognized by a size-reading unit, wherein the retainer is offset from the adapter body, and wherein the adapter can be arranged parallel to the syringe.

Allowable Subject Matter

Claim 15 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

Applicant's arguments filed 9/22/2008 have been fully considered but they are not persuasive. In response to the applicant's argument that Schneider does not disclose the limitations recited in claim 1, the examiner respectfully disagrees. The examiner maintains that elements (24, 30a, 30b) can be considered an adaptor. The adaptor is capable of being connected to a syringe (22) and a syringe pump (the simple act of placing the defined adaptor and a syringe pump in contact with each other meets the limitation of connectable). The applicant is invited to contact the examiner to discuss possible limitations to distinguish over the prior art cited in this office action.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THEODORE J. STIGELL whose telephone number is (571)272-8759. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nicholas Lucchesi can be reached on 571-272-4977. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Theodore J Stigell/

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Examiner, Art Unit 3763

/Nicholas D Lucchesi/

Supervisory Patent Examiner, Art Unit 3763